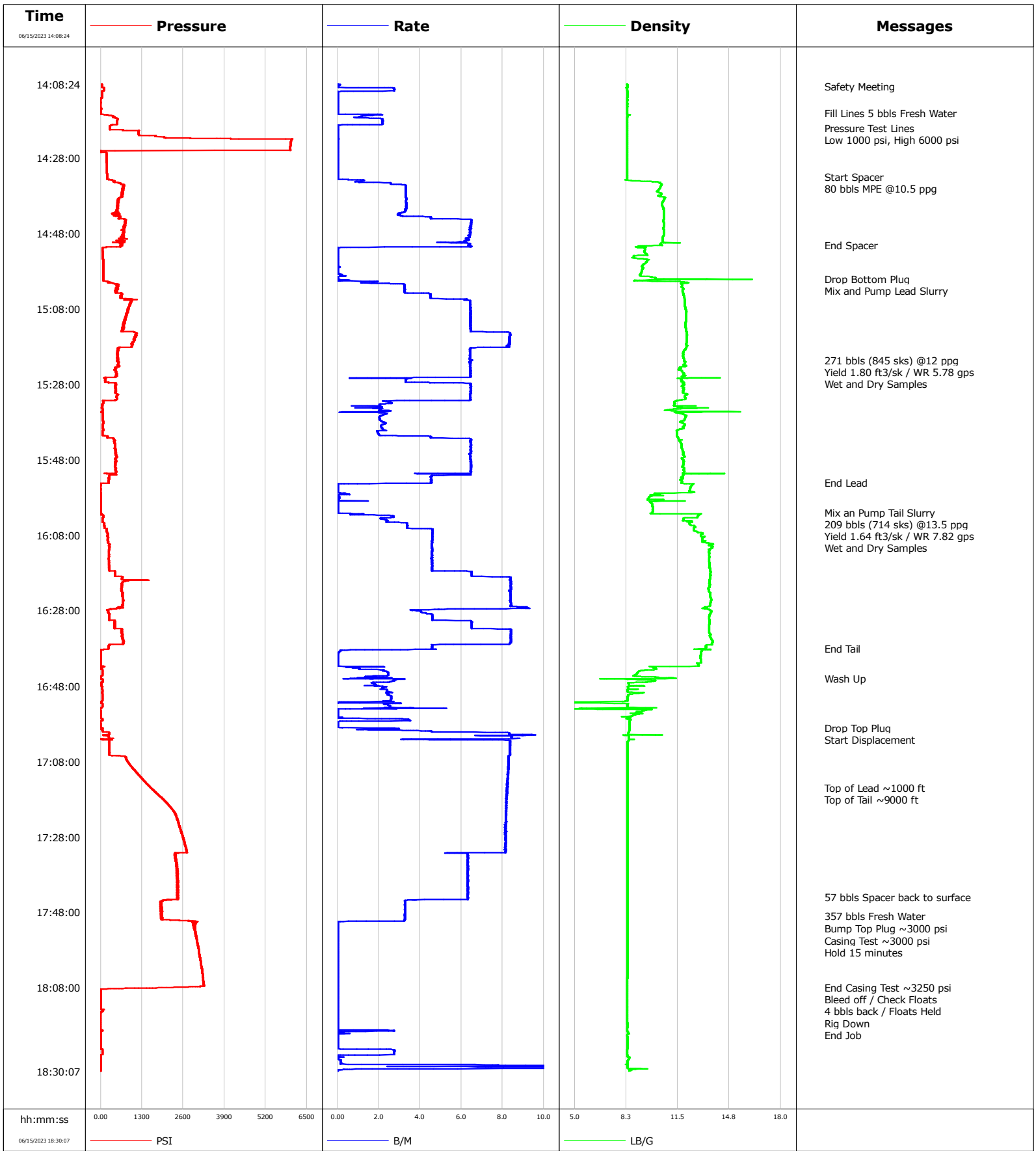


Well	RAINBOW	Client	OXY Petroleum
Field	Wattenberg	SIR No.	EOIC-01652
Engineer	Omar Sanchez	Job Type	Production
Country	United States	Job Date	06-15-2023



				Customer			Job Number			
				OXY Petroleum			EOIC-01652			
Well		Location (legal)			Schlumberger Location			Job Start		
RAINBOW 9-18HZ					Pierre Lessard			Jun/15/2023		
Field		Formation Name/Type			Deviation	Bit Size		Well MD	Well TVD	
Wattenberg					deg	in		15424.0 ft	7130.0 ft	
County		State/Province			BHP	BHST		BHCT	Pore Press. Gradient	
Weld		Colorado			psi	230 degF		230 degF	lb/gal	
Well Master		API/UWI								
0066677001		05-123-52001-00-00								
Rig Name		Drilled For		Service Via	Casing/Liner					
PD461		Oil & Gas		Land	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone		Well Class		Well Type	15413.0	5.5	17.0	P110	8RD	
		New		Development	0.0	0.0	0.0			
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
OBM		9.30 lb/gal	65.000 cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line		Job Type			Perforations/Open Hole					
Cementing		Production			Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
					ft	ft			ft	
					ft	ft			Diameter	
					ft	ft			in	
		Treat Down	Displacement		Packer Type		Packer Depth			
		Casing	357.0 bbl				ft			
		Tubing Vol.	Casing Vol.		Annular Vol.		Openhole Vol.			
		bbl	358.0 bbl		508.0 bbl		418.0 bbl			
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement								
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
Lift Pressure		Shoe Type			Shoe Depth		Squeeze Job			
11029 psi		Float			15413.0 ft		Squeeze Type			
Pipe Rotated		Pipe Reciprocated			Stage Tool Type		Tool Depth			
<input type="checkbox"/>		<input type="checkbox"/>					ft			
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Depth		Tail Pipe Size				
		1	1	ft		in				
Cement Head Type		Collar Type			Collar Depth		Tail Pipe Depth			
		Float			15366.0 ft		ft			
Job Scheduled For		Arrived on Location		Leave Location	Sqz. Total Vol.					
Jun/15/2023 11:00		Jun/15/2023 11:00		Jun/15/2023 19:00	bbl					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
06/15/2023	14:09:00	43	0.0	8.34	0.0	Safety Meeting				
06/15/2023	14:16:00	14	0.0	8.32	2.6	Fill Lines 5 bbls Fresh Water				
06/15/2023	14:20:00	284	0.0	8.32	7.7	Pressure Test Lines				
06/15/2023	14:21:00	1190	0.0	8.33	7.7	Low 1000 psi, High 6000 psi				
06/15/2023	14:33:00	206	0.0	8.33	7.7	Start Spacer				
06/15/2023	14:34:00	410	1.2	8.62	8.0	80 bbls MPE @10.5 ppg				
06/15/2023	14:51:00	675	6.3	10.44	84.2	End Spacer				
06/15/2023	15:00:00	85	0.0	10.08	88.3	Drop Bottom Plug				
06/15/2023	15:00:36	85	0.0	8.96	88.3	Mix and Pump Lead Slurry				
06/15/2023	15:21:36	549	6.5	11.88	216.8	271 bbls (845 sks) @12 ppg				
06/15/2023	15:21:52	528	6.4	11.92	218.6	Yield 1.80 ft3/sk / WR 5.78 gps				
06/15/2023	15:22:21	545	6.4	11.95	221.7	Wet and Dry Samples				
06/15/2023	15:54:00	250	4.6	11.76	375.3	End Lead				
06/15/2023	16:02:00	0	0.0	9.91	377.1	Mix an Pump Tail Slurry				
06/15/2023	16:03:00	92	2.7	12.76	378.3	209 bbls (714 sks) @13.5 ppg				
06/15/2023	16:04:00	56	2.4	11.85	380.7	Yield 1.64 ft3/sk / WR 7.82 gps				
06/15/2023	16:05:00	108	3.4	12.22	383.5	Wet and Dry Samples				
06/15/2023	16:38:00	240	4.6	13.27	588.2	End Tail				
06/15/2023	16:46:00	4	0.8	11.01	596.2	Wash Up				
06/15/2023	16:59:00	4	0.2	8.46	617.0	Drop Top Plug				
06/15/2023	16:59:30	16	1.2	8.46	618.0	Start Displacement				

Well		Field		Job Start		Customer		Job Number	
RAINBOW 9-18HZ		Wattenberg		Jun/15/2023		OXY Petroleum		EOIC-01652	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/15/2023	17:16:00	1707	8.2	8.34	749.9	Top of Tail ~9000 ft			
06/15/2023	17:44:00	2420	6.3	8.33	956.4	57 bbls Spacer back to surface			
06/15/2023	17:49:00	1942	3.3	8.33	974.7	357 bbls Fresh Water			
06/15/2023	17:50:00	2085	3.3	8.33	978.0	Bump Top Plug ~3000 psi			
06/15/2023	17:55:24	3028	0.0	8.34	979.2	Casing Test ~3000 psi			
06/15/2023	17:57:16	3071	0.0	8.34	979.2	Hold 15 minutes			
06/15/2023	18:08:00	1869	0.0	8.32	979.2	End Casing Test ~3250 psi			
06/15/2023	18:08:10	787	0.0	8.32	979.2	Bleed off / Check Floats			
06/15/2023	18:09:00	-1	0.0	8.32	979.2	4 bbls back / Floats Held			
06/15/2023	18:10:00	-0	0.0	8.32	979.2	Rig Down			

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.2			15.6	480.0	0.0	80.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
6036	0	914	3000			bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	
%	480.0 bbl		357.0 bbl	71 degF	<input type="checkbox"/>	bbl	
Customer or Authorized Representative				Schlumberger Supervisor		Washed Thru Perfs	To
Jon Rohman				Omar Sanchez		<input type="checkbox"/>	ft
						Circulation Lost	Job Completed
						<input type="checkbox"/>	<input checked="" type="checkbox"/>
						-	-